

Patent Claims

1. A cup holder for a motor vehicle, having a receiving device and a tempering device which is connected to an air-conditioning system, the air-conditioning system conveying an air flow via an air-directing device to a beverage container which is retained in the receiving device, characterized in that the receiving device (2) can be pulled out of a housing (1) while remaining connected to the air-conditioning system (29).

2. The cup holder as claimed in claim 1, characterized in that the air-directing device (15) is integrated in the receiving device (2) and directs the air flow (L) as far as a retaining opening (13) introduced into the receiving device (2).

3. The cup holder as claimed in claim 2, characterized in that the air-directing device (15) has two inflow ducts (16, 17) which lead into an annular duct (18) around the retaining opening (13).

4. The cup holder as claimed in claim 3, characterized in that discharge openings (19) are introduced into a wall (14) forming the retaining opening (13).

5. The cup holder as claimed in claim 1, characterized in that an inlet opening (9) is introduced into the housing (1).

6. The cup holder as claimed in claim 5, characterized in that a rear wall (20) of the receiving device (2) closes the inlet opening (9) when the receiving device (2) is retracted.

7. The cup holder as claimed in claim 6, characterized in that a seal (22) is arranged between the rear wall (20) and a

wall region (21) of the housing (1), which wall region surrounds the inlet opening (9).

8. The cup holder as claimed in claim 1, characterized in that a connecting duct (32) connects the air-conditioning system (29) and the inlet opening (9) to each other.

9. The cup holder as claimed in claim 8, characterized in that the connecting duct (32) is connected by a first connection (33) to an evaporator (30) and by a second connection (34) to a heat exchanger (32) of the air-conditioning system (29).

10. The cup holder as claimed in claim 9, characterized in that a switch (35) is arranged in the connecting duct (32) and connects either the first connection (33) or the second connection (34).